

Fig. 1

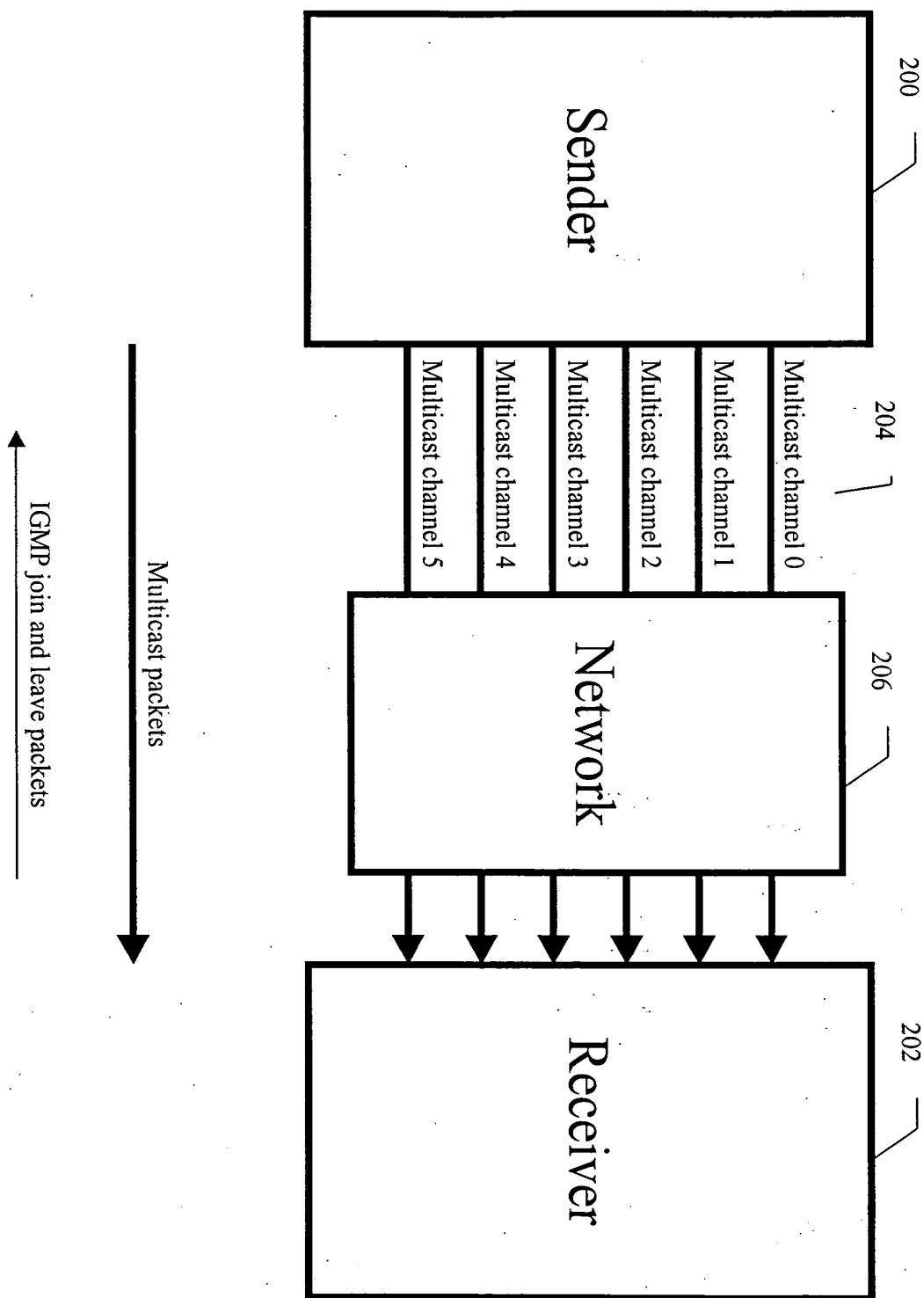


Fig. 2

JOIN

A – join issued to $DL(0)$

B – latest time for first packet of $DL(0)$ received

LEAVE

C – leave issued to $DL(c-1)$

D – latest time for last packet of $DL(c-1)$ received

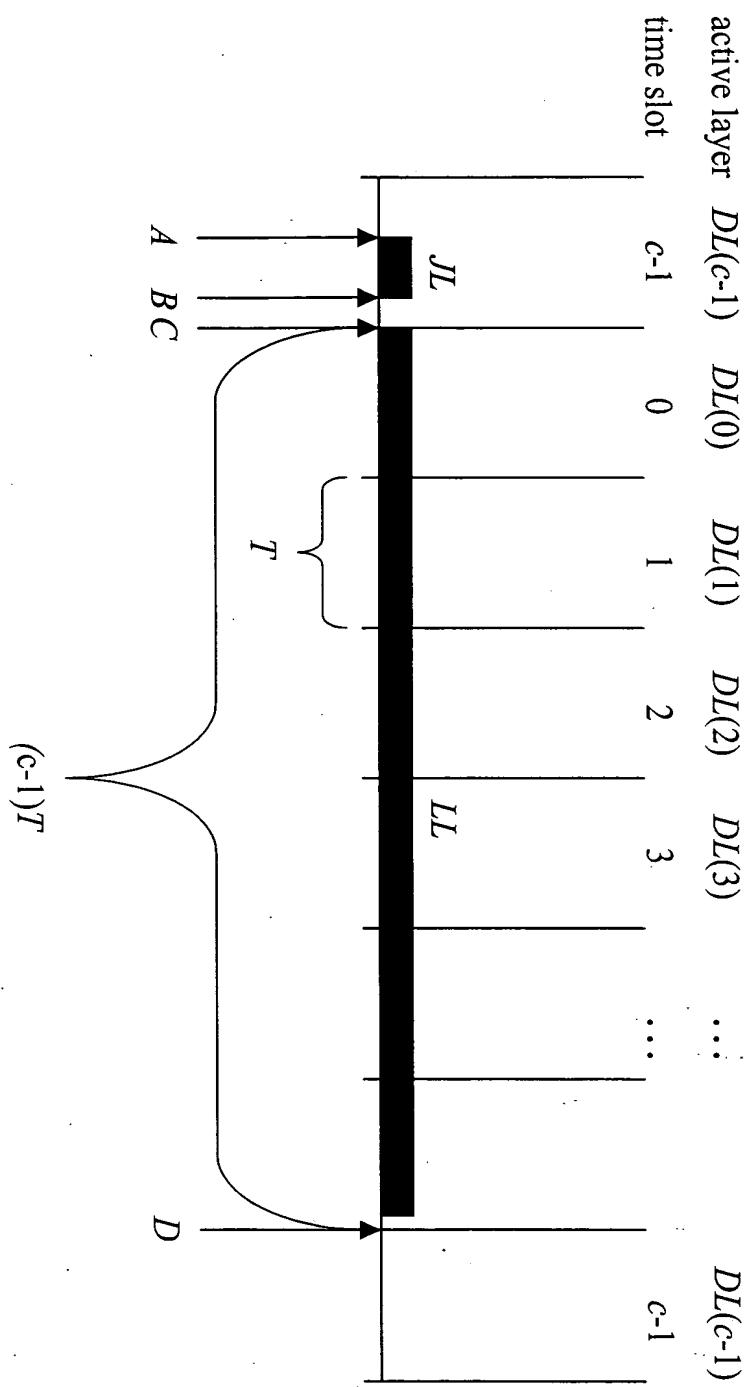


Fig. 3

rate R is 100 packets per T secs. packet sequence range shown as $[a,b]$

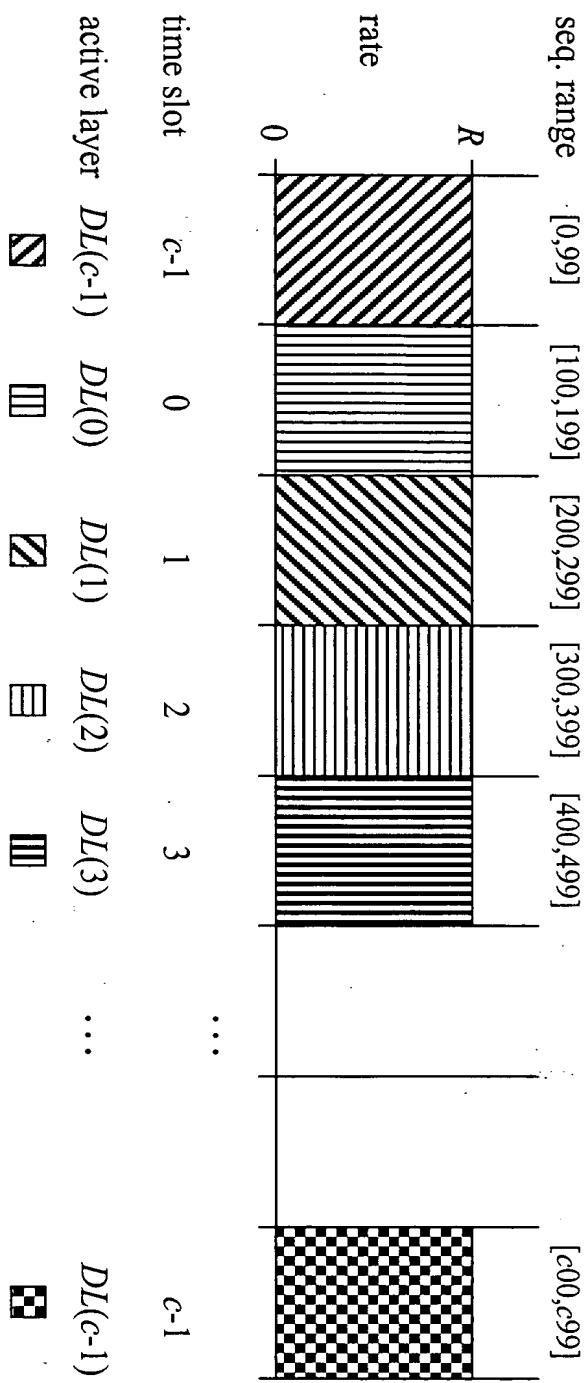
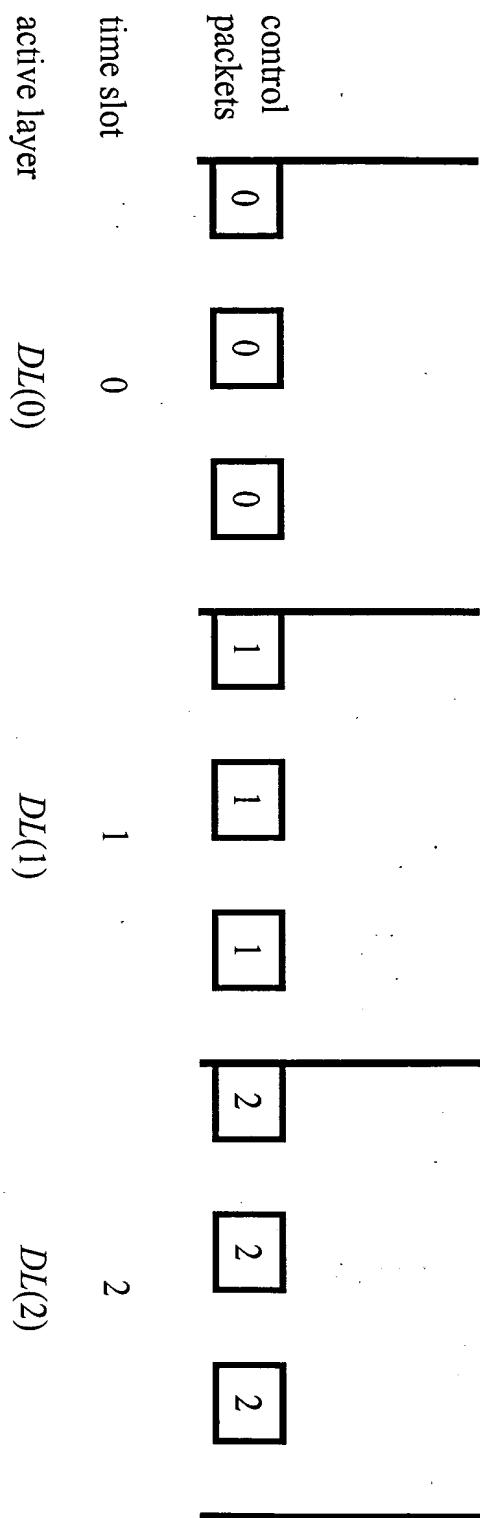


Fig. 4

Fig. 5



t = current time
 $mlt = 3$
packet sequence range shown as $[a, b]$

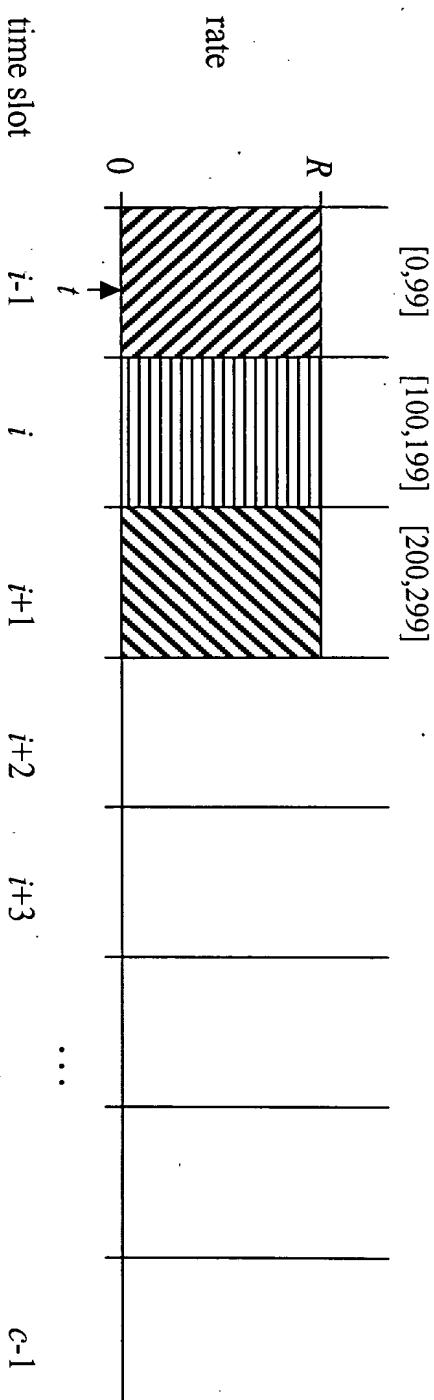


Fig. 6

action = leave $DL(i-1)$, join $DL(i+2)$ and $DL(i+3)$

t = current time

mlt increased from 3 to 4

packet sequence range shown as $[a, b]$



Fig. 7

JOIN

A – join issued to $DL(0)$

B – latest time for first packet of $DL(0)$ received

LEAVE

C – leave issued to $DL(c-1)$

D – latest time for last packet of $DL(c-1)$ received

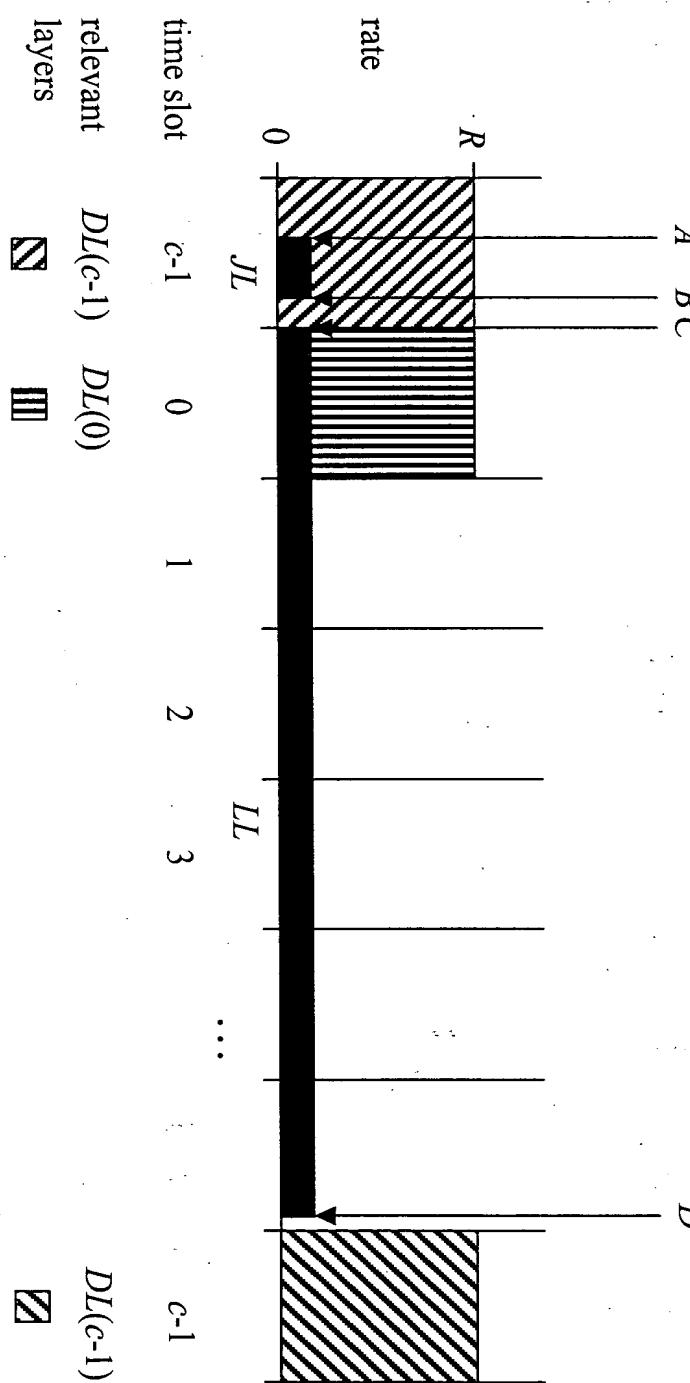
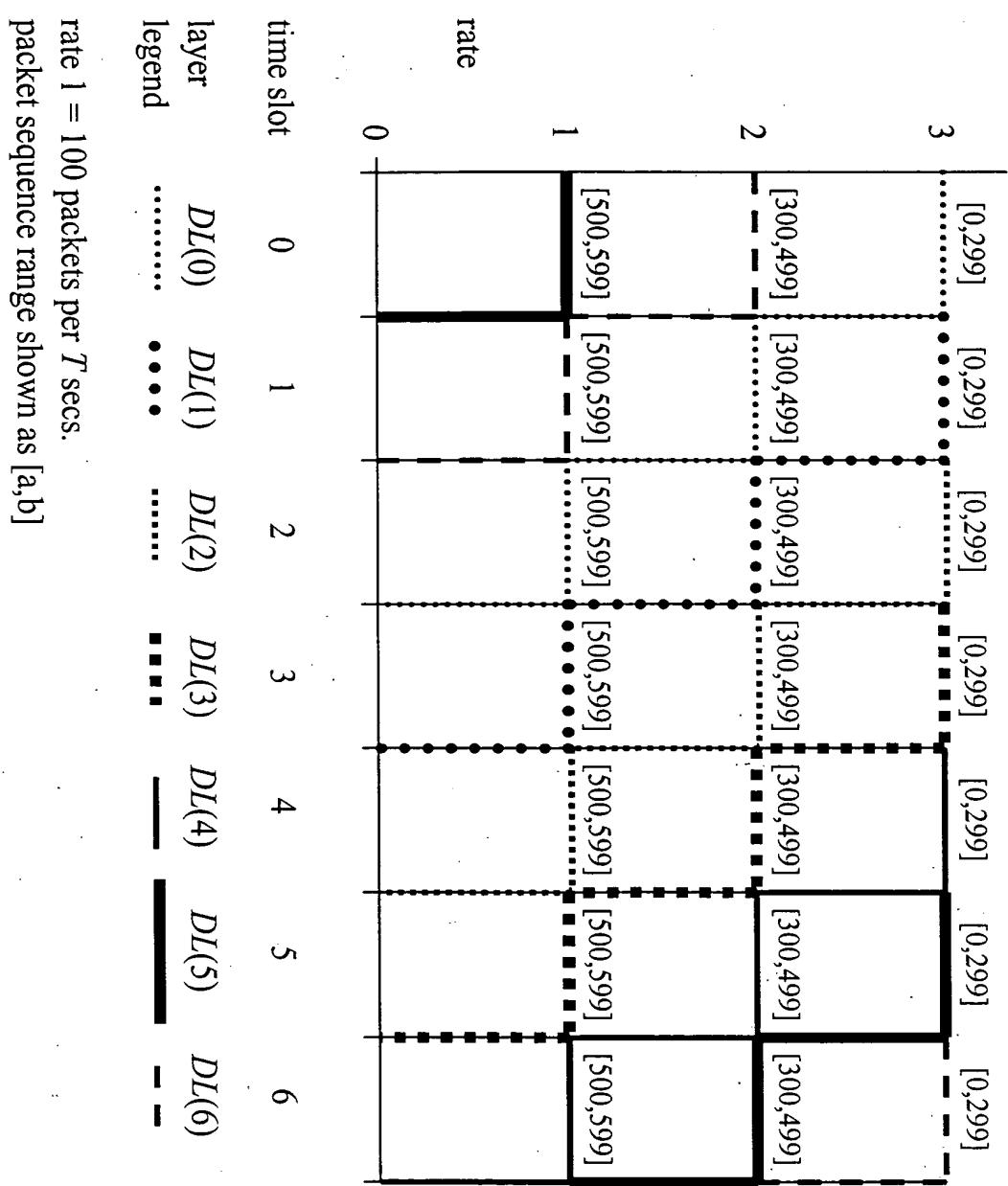


Fig. 8

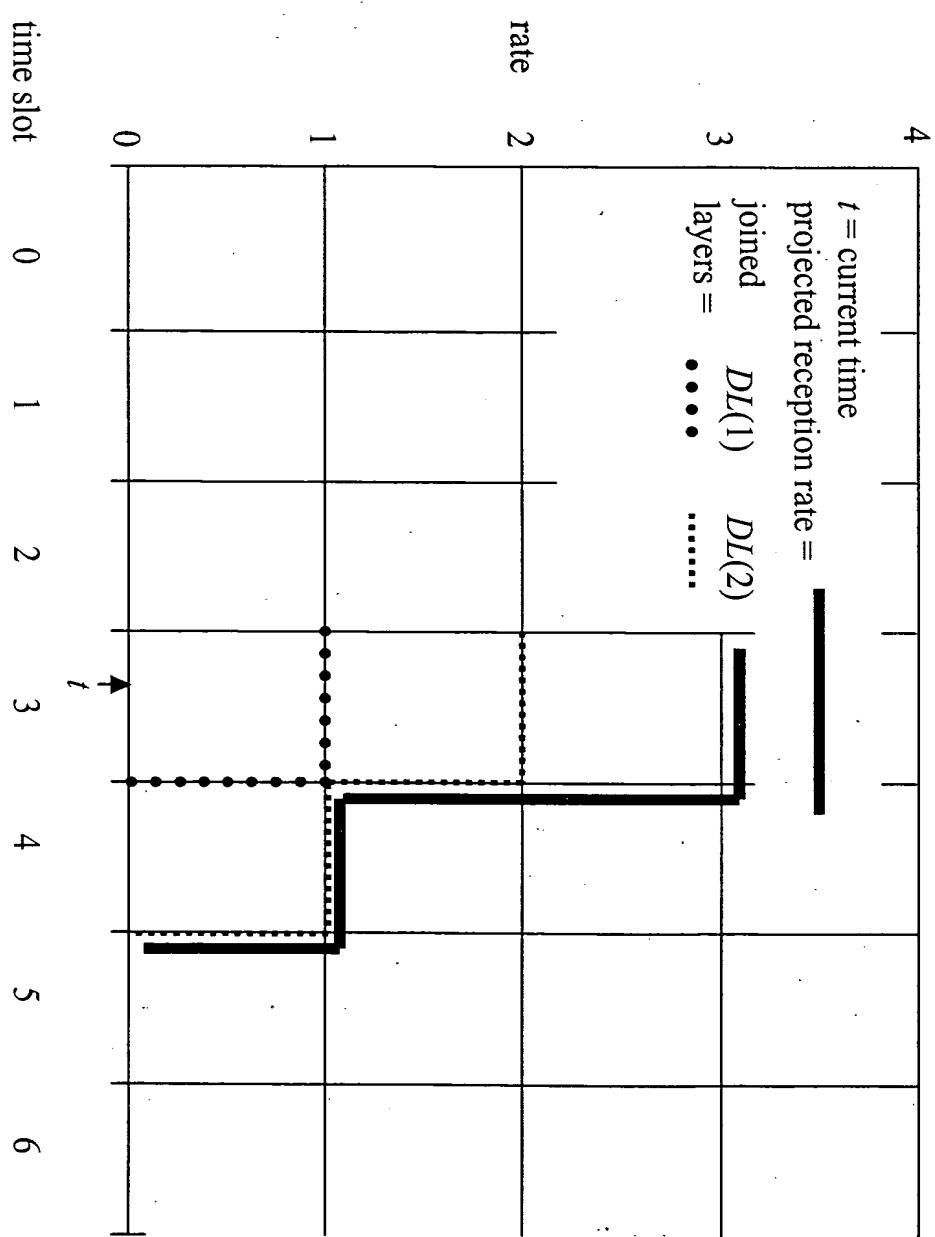


rate 1 = 100 packets per T secs.

packet sequence range shown as $[a,b]$

Fig. 9

Fig. 10



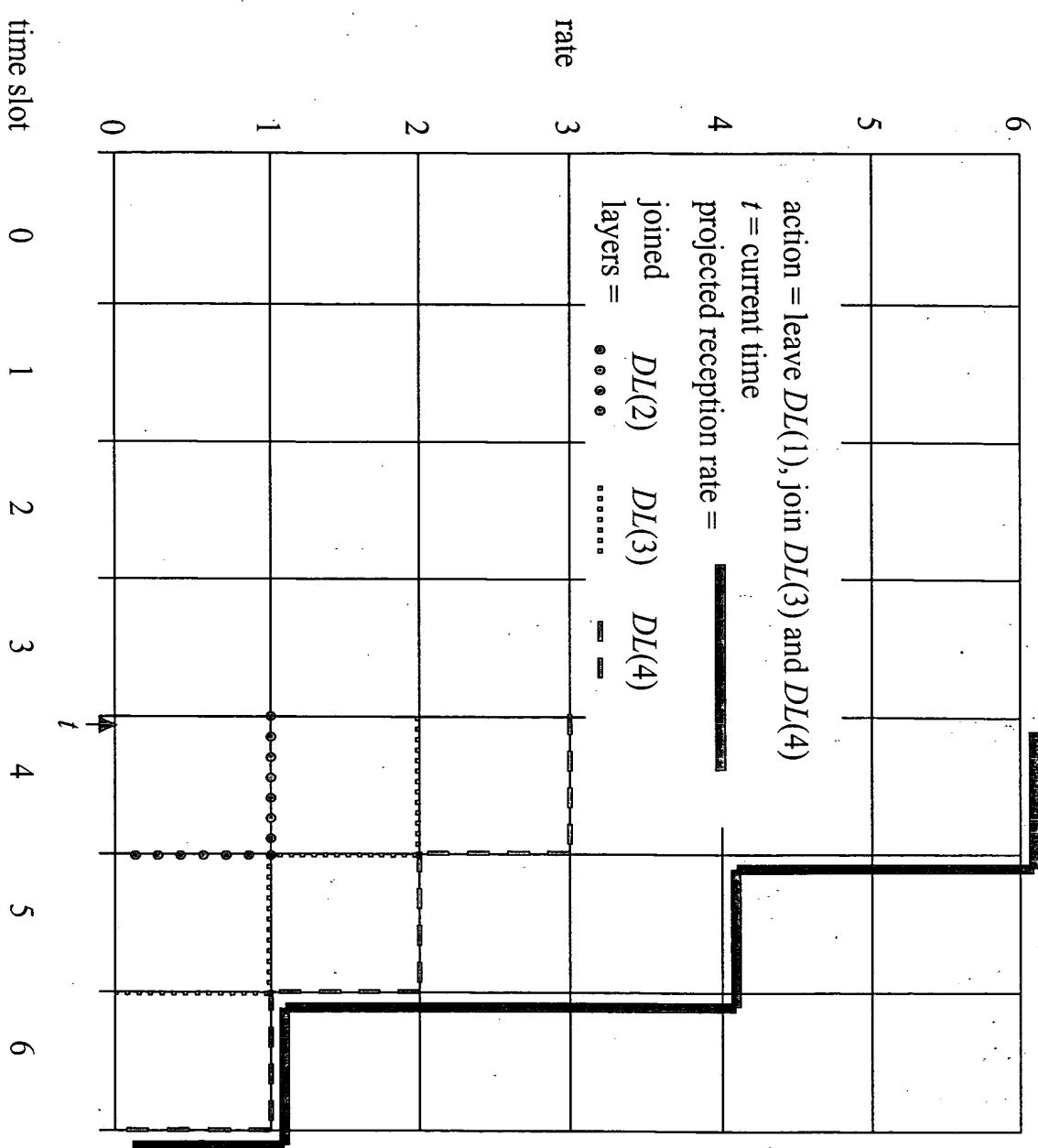


Fig. 11

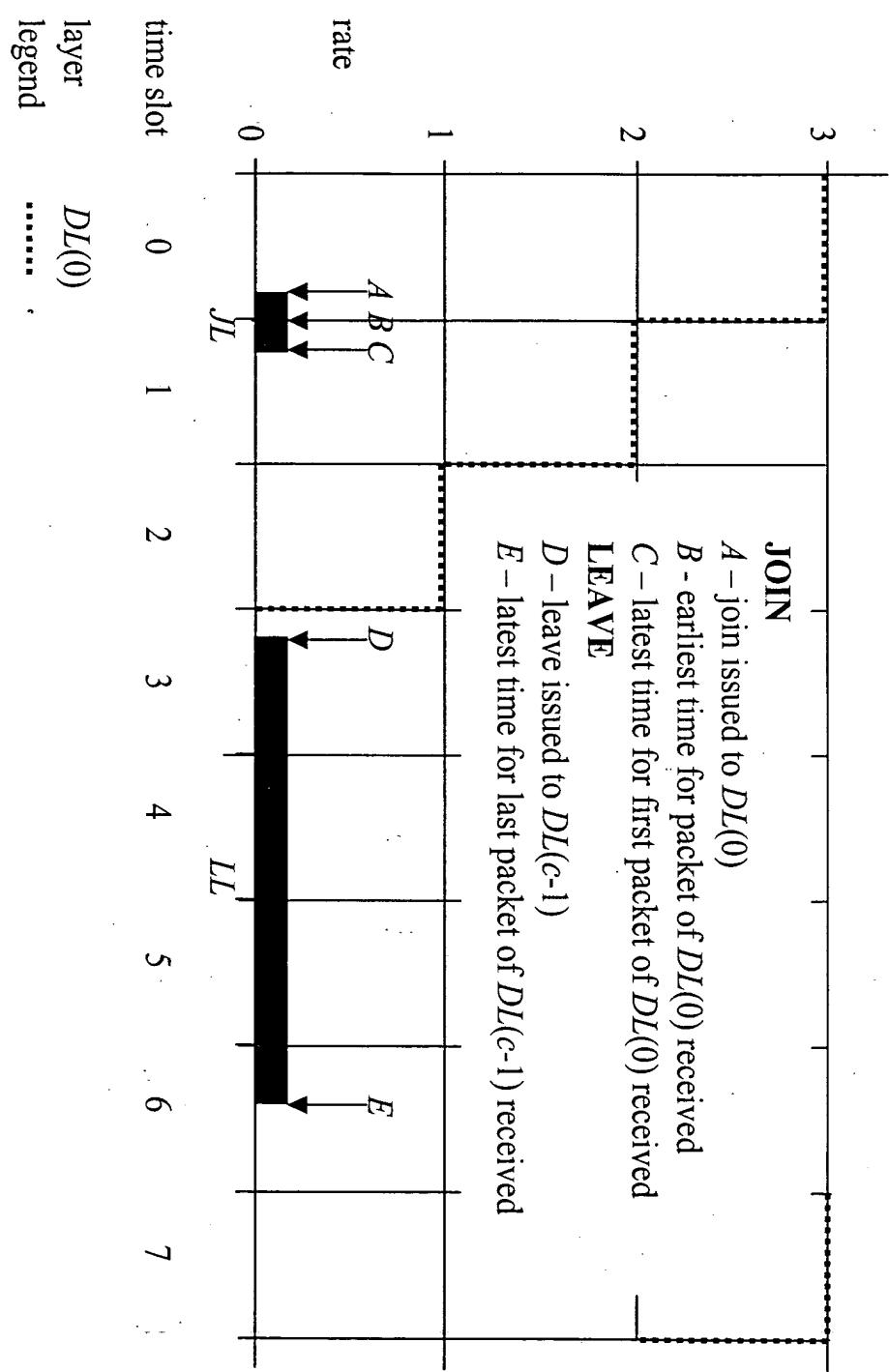
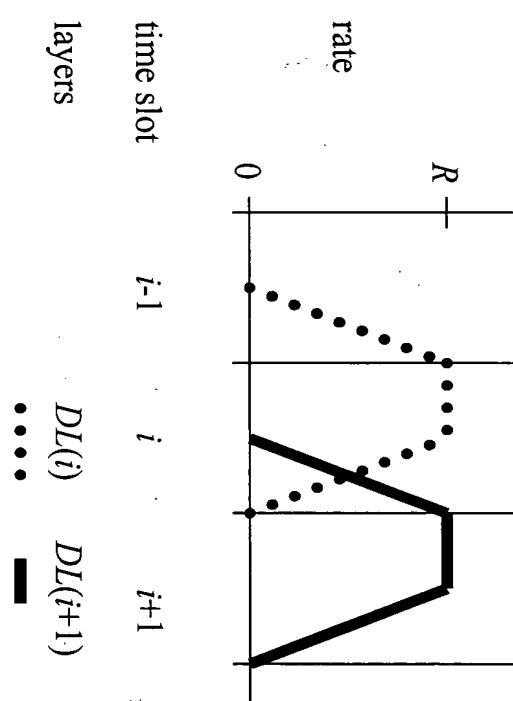


Fig. 12

Fig. 13



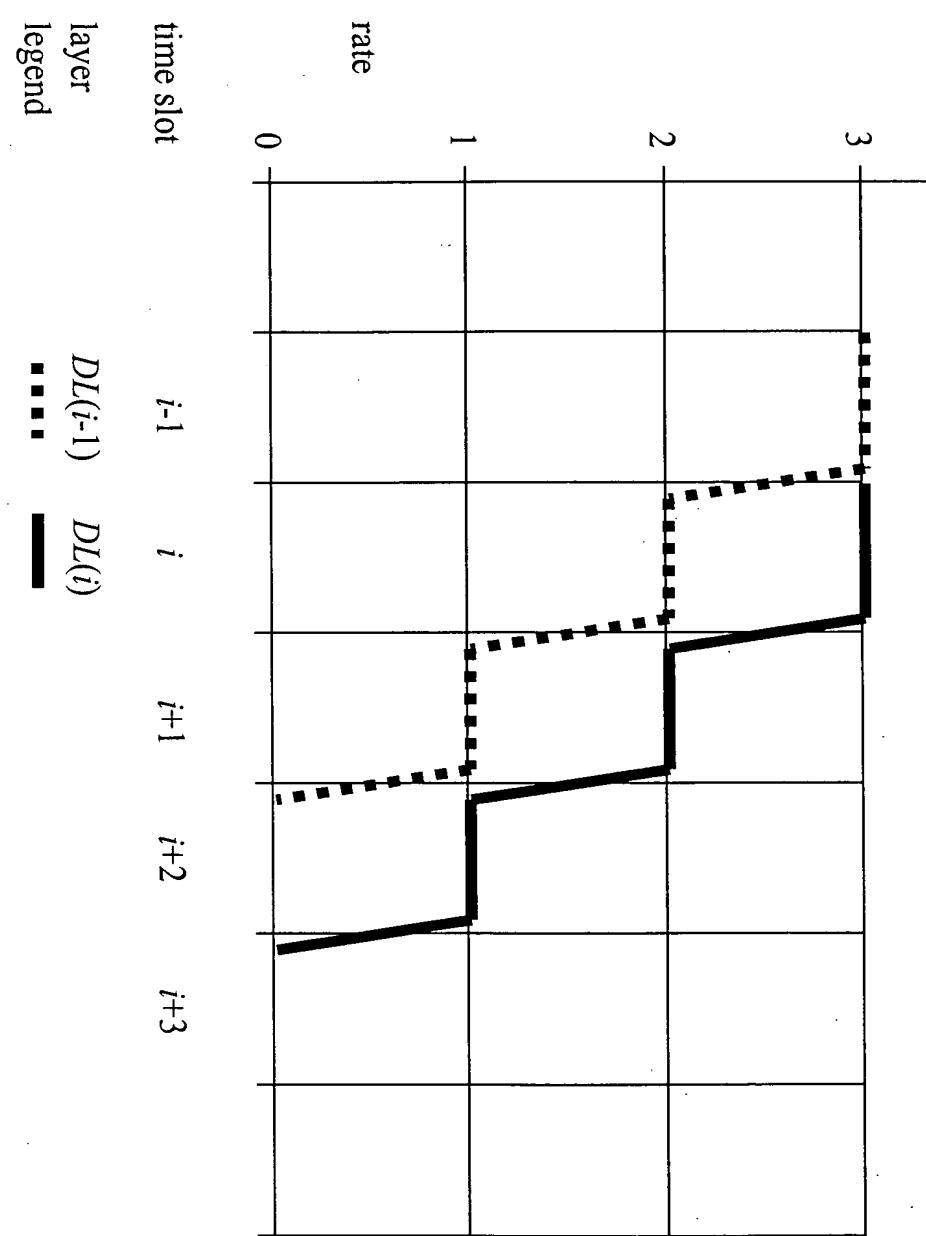


Fig. 14